

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	165	unsharp adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/03 10:40
S2	78	S1 and different	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 14:06
S3	165	unsharp adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 16:55
S4	36	S3 and differential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 15:26
S5	851	multiple adj resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 15:27
S6	4	S5 with unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 15:28
S8	27	S5 and unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 15:36
S9	905	unsharp adj mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 15:36

## EAST Search History

S10	29	S9 same differential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 16:05
S11	1637	image\$1 same unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 16:56
S12	48	S11 same differential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 17:07
S13	38	S11 same bands	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 17:09
S15	13	S11 same Laplacian adj pyramid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 17:09
S16	852	multiple adj resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 12:27
S17	49	S16 same (high with frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 11:34
S18	2366	(high with frequency) with lowest	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 11:34

## EAST Search History

S19	282	(high adj frequency) with (lowest adj frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 11:45
S20	4	S19 and unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 11:35
S21	20145	differential adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 11:46
S22	1284	S21 same image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 11:47
S23	15	S22 same unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 11:47
S24	7	S16 same unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 12:28
S25	905	unsharp adj mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 12:42
S26	27	S25 same (frequency adj band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 12:43

## EAST Search History

S27	98	image\$1 same (compress near dynamic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 14:25
S28	8	S27 same unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 13:01
S29	1	("5333065").PN.	USPAT; USOCR	OR	OFF	2004/11/15 14:26
S30	6	("5333065"   "5454044"   "5461655"   "5467404"   "5608813"   "5644662").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/15 16:21
S31	9	("4709394"   "4718104"   "4969204"   "5048111"   "5086488"   "5119195"   "5163103"   "5229618"   "5434931").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/15 14:46
S32	12	("5644662").URPN.	USPAT	OR	OFF	2004/11/15 14:46
S33	12	("20010016066"   "20020031247"   "20020159623"   "20020168109"   "20030016855"   "5467404"   "5644662"   "5805721"   "5960123"   "5991457"   "6009208"   "6072913").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/15 14:47
S34	1	("5991457").PN.	USPAT; USOCR	OR	OFF	2004/11/16 15:33
S35	17	("4315318"   "4317179"   "4581535"   "4794531"   "4903205"   "5048111"   "5051902"   "5131057"   "5333065"   "5425113"   "5454044"   "5454053"   "5467404"   "5471987"   "5608813"   "5717789"   "5740268").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 12:33
S36	17	("4315318"   "4317179"   "4581535"   "4794531"   "4903205"   "5048111"   "5051902"   "5131057"   "5333065"   "5425113"   "5454044"   "5454053"   "5467404"   "5471987"   "5608813"   "5717789"   "5740268").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 12:33
S37	24472	enhanc\$5 with contrast	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/16 15:53

## EAST Search History

S38	15	S37 same multiresolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/16 15:34
S39	64772	image\$1 with enhanc\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/16 15:54
S40	32	S39 same (laplacian adj pyramid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/16 15:54
S41	2	multiscale adj resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/17 08:49
S42	318	Laplacian adj pyramid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/17 10:31
S43	0	("20020076118.ptpn").PN.	USPAT; USOCR	OR	OFF	2004/11/17 10:33
S44	13	unsharp same wavelet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/24 20:32
S45	54	unsharp same (wavelet or laplacian or multiresolution or prymaid\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 12:20
S47	1	("5682443").PN.	USPAT; USOCR	OR	OFF	2005/05/03 10:40

## EAST Search History

S48	70	un adj sharp same (image\$1 or video\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 12:14
S49	2	((("4317179") or ("4561022")).PN.	USPAT; USOCR	OR	OFF	2006/07/09 12:15
S50	70	unsharp same (wavelet or laplacian or (multiresolution or multi adj resolution) or prymaid\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 12:21
S51	70	S50 not S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 12:21
S52	70	S50 not S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:00
S54	74	382/265.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:02
S55	174	unsharp adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S56	82	S55 and different	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S57	174	unsharp adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12

## EAST Search History

S58	36	S57 and differential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S59	1078	multiple adj resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S60	7	S59 with unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S61	31	S59 and unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S62	1109	unsharp adj mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S63	31	S62 same differential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S64	1910	image\$1 same unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S65	52	S64 same differential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12

## EAST Search History

S66	45	S64 same bands	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S67	15	S64 same Laplacian adj pyramid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S68	1078	multiple adj resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S69	57	S68 same (high with frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S70	2698	(high with frequency) with lowest	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S71	326	(high adj frequency) with (lowest adj frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S72	4	S71 and unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S73	24890	differential adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12



## EAST Search History

S74	1689	S73 same image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S75	15	S74 same unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S76	10	S68 same unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S77	1109	unsharp adj mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S78	37	S77 same (frequency adj band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S79	140	image\$1 same (compress near dynamic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 09:04
S80	11	S79 same unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S81	1	("5333065").PN.	USPAT; USOCR	OR	OFF	2006/07/09 14:12
S82	6	("5333065"   "5454044"   "5461655"   "5467404"   "5608813"   "5644662").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/09 14:12

## EAST Search History

S83	9	("4709394"   "4718104"   "4969204"   "5048111"   "5086488"   "5119195"   "5163103"   "5229618"   "5434931").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/09 14:12
S84	15	("5644662").URPN.	USPAT	OR	OFF	2006/07/09 14:12
S85	12	("20010016066"   "20020031247"   "20020159623"   "20020168109"   "20030016855"   "5467404"   "5644662"   "5805721"   "5960123"   "5991457"   "6009208"   "6072913").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/09 14:12
S86	1	("5991457").PN.	USPAT; USOCR	OR	OFF	2006/07/09 14:12
S87	17	("4315318"   "4317179"   "4581535"   "4794531"   "4903205"   "5048111"   "5051902"   "5131057"   "5333065"   "5425113"   "5454044"   "5454053"   "5467404"   "5471987"   "5608813"   "5717789"   "5740268").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/09 14:12
S88	17	("4315318"   "4317179"   "4581535"   "4794531"   "4903205"   "5048111"   "5051902"   "5131057"   "5333065"   "5425113"   "5454044"   "5454053"   "5467404"   "5471987"   "5608813"   "5717789"   "5740268").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/09 14:12
S89	31011	enhanc\$5 with contrast	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S90	19	S89 same multiresolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S91	80819	image\$1 with enhanc\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12

## EAST Search History

S92	35	S91 same (laplacian adj pyramid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S93	2	multiscale adj resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S94	409	Laplacian adj pyramid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S95	0	("20020076118.ptpn").PN.	USPAT; USOCR	OR	OFF	2006/07/09 14:12
S96	15	unsharp same wavelet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S97	60	unsharp same (wavelet or laplacian or multiresolution or prymaid\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S98	1	("5682443").PN.	USPAT; USOCR	OR	OFF	2006/07/09 14:12
S99	70	un adj sharp same (image\$1 or video\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 14:12
S100	2	((("4317179") or ("4561022"))).PN.	USPAT; USOCR	OR	OFF	2006/07/09 14:12
S101	70	unsharp same (wavelet or laplacian or (multiresolution or multi adj resolution) or prymaid\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12

## EAST Search History

S10 2	70	S101 not S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S10 3	70	S101 not S100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/09 14:12
S10 4	1	("6700995").PN.	USPAT; USOCR	OR	OFF	2006/07/18 15:58
S10 5	176	unsharp adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 09:36
S10 6	148	image\$1 same (compress near dynamic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 09:04
S10 7	77	382/265.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 09:05
S10 8	76	unsharp same (wavelet or laplacian or (multiresolution or multi adj resolution) or prymaid\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 09:05
S10 9	78	(unsharp near5 (differential or difference or subtract)) same (converted or process\$3 or LUT or function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 09:38
S11 0	176	unsharp adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02

## EAST Search History

S11 1	83	S110 and different	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S11 2	176	unsharp adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S11 3	36	S112 and differential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S11 4	1113	multiple adj resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S11 5	7	S114 with unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S11 6	31	S114 and unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S11 7	1144	unsharp adj mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S11 8	31	S117 same differential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02

## EAST Search History

S11 9	1955	image\$1 same unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S12 0	53	S119 same differential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S12 1	48	S119 same bands	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S12 2	17	S119 same Laplacian adj pyramid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S12 3	1113	multiple adj resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S12 4	60	S123 same (high with frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S12 5	2749	(high with frequency) with lowest	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S12 6	332	(high adj frequency) with (lowest adj frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02

## EAST Search History

S12 7	4	S126 and unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S12 8	25723	differential adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S12 9	1776	S128 same image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S13 0	15	S129 same unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S13 1	10	S123 same unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S13 2	1144	unsharp adj mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S13 3	38	S132 same (frequency adj band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S13 4	148	image\$1 same (compress near dynamic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02

## EAST Search History

S13 5	13	S134 same unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S13 6	1	("5333065").PN.	USPAT; USOCR	OR	OFF	2006/10/10 11:02
S13 7	6	("5333065"   "5454044"   "5461655"   "5467404"   "5608813"   "5644662").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 11:02
S13 8	9	("4709394"   "4718104"   "4969204"   "5048111"   "5086488"   "5119195"   "5163103"   "5229618"   "5434931").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 11:02
S13 9	17	("5644662").URPN.	USPAT	OR	OFF	2006/10/10 11:02
S14 0	12	("20010016066"   "20020031247"   "20020159623"   "20020168109"   "20030016855"   "5467404"   "5644662"   "5805721"   "5960123"   "5991457"   "6009208"   "6072913").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 11:02
S14 1	1	("5991457").PN.	USPAT; USOCR	OR	OFF	2006/10/10 11:02
S14 2	17	("4315318"   "4317179"   "4581535"   "4794531"   "4903205"   "5048111"   "5051902"   "5131057"   "5333065"   "5425113"   "5454044"   "5454053"   "5467404"   "5471987"   "5608813"   "5717789"   "5740268").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 11:02
S14 3	17	("4315318"   "4317179"   "4581535"   "4794531"   "4903205"   "5048111"   "5051902"   "5131057"   "5333065"   "5425113"   "5454044"   "5454053"   "5467404"   "5471987"   "5608813"   "5717789"   "5740268").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 11:02
S14 4	32099	enhanc\$5 with contrast	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02



## EAST Search History

S14 5	20	S144 same multiresolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S14 6	83755	image\$1 with enhanc\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S14 7	38	S146 same (laplacian adj pyramid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S14 8	2	multiscale adj resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S14 9	425	Laplacian adj pyramid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S15 0	0	("20020076118.ptpn").PN.	USPAT; USOCR	OR	OFF	2006/10/10 11:02
S15 1	16	unsharp same wavelet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S15 2	65	unsharp same (wavelet or laplacian or multiresolution or prymaid\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S15 3	1	("5682443").PN.	USPAT; USOCR	OR	OFF	2006/10/10 11:02

## EAST Search History

S15 4	72	un adj sharp same (image\$1 or video\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:02
S15 5	2	((("4317179") or ("4561022")).PN.	USPAT; USOCR	OR	OFF	2006/10/10 11:02
S15 6	76	unsharp same (wavelet or laplacian or (multiresolution or multi adj resolution) or prymaid\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S15 7	76	S156 not S154	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S15 8	76	S156 not S155	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S15 9	77	382/265.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S16 0	176	unsharp adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S16 1	1113	multiple adj resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S16 2	1144	unsharp adj mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02

## EAST Search History

S16 3	1955	image\$1 same unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S16 4	1113	multiple adj resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S16 5	2749	(high with frequency) with lowest	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S16 6	332	(high adj frequency) with (lowest adj frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S16 7	25723	differential adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S16 8	1776	S167 same image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S16 9	1144	unsharp adj mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S17 0	17	("4315318"   "4317179"   "4581535"   "4794531"   "4903205"   "5048111"   "5051902"   "5131057"   "5333065"   "5425113"   "5454044"   "5454053"   "5467404"   "5471987"   "5608813"   "5717789"   "5740268").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 11:02

## EAST Search History

S17 1	32099	enhanc\$5 with contrast	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S17 2	83755	image\$1 with enhanc\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S17 3	0	("20020076118.ptpn").PN.	USPAT; USOCR	OR	OFF	2006/10/10 11:02
S17 4	72	un adj sharp same (image\$1 or video\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:02
S17 5	76	S108 not S174	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S17 6	1	("5333065").PN.	USPAT; USOCR	OR	OFF	2006/10/10 11:02
S17 7	1	("5991457").PN.	USPAT; USOCR	OR	OFF	2006/10/10 11:02
S17 8	1	("5682443").PN.	USPAT; USOCR	OR	OFF	2006/10/10 11:02
S17 9	83	S105 and different	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S18 0	36	S160 and differential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S18 1	7	S161 with unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02

## EAST Search History

S18 2	31	S161 and unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S18 3	31	S162 same differential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S18 4	53	S163 same differential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S18 5	48	S163 same bands	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S18 6	17	S163 same Laplacian adj pyramid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S18 7	60	S164 same (high with frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S18 8	4	S166 and unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S18 9	15	S168 same unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02

## EAST Search History

S19 0	10	S164 same unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S19 1	38	S169 same (frequency adj band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S19 2	13	S106 same unsharp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S19 3	6	("5333065"   "5454044"   "5461655"   "5467404"   "5608813"   "5644662").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 11:02
S19 4	9	("4709394"   "4718104"   "4969204"   "5048111"   "5086488"   "5119195"   "5163103"   "5229618"   "5434931").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 11:02
S19 5	17	("5644662").URPN.	USPAT	OR	OFF	2006/10/10 11:02
S19 6	12	("20010016066"   "20020031247"   "20020159623"   "20020168109"   "20030016855"   "5467404"   "5644662"   "5805721"   "5960123"   "5991457"   "6009208"   "6072913").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 11:02
S19 7	17	("4315318"   "4317179"   "4581535"   "4794531"   "4903205"   "5048111"   "5051902"   "5131057"   "5333065"   "5425113"   "5454044"   "5454053"   "5467404"   "5471987"   "5608813"   "5717789"   "5740268").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 11:02
S19 8	20	S171 same multiresolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02

## EAST Search History

S19 9	38	S172 same (laplacian adj pyramid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S20 0	2	multiscale adj resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S20 1	16	unsharp same wavelet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S20 2	65	unsharp same (wavelet or laplacian or multiresolution or prymaid\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S20 3	72	un adj sharp same (image\$1 or video\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:02
S20 4	2	((("4317179") or ("4561022")).PN.	USPAT; USOCR	OR	OFF	2006/10/10 11:02
S20 5	76	unsharp same (wavelet or laplacian or (multiresolution or multi adj resolution) or prymaid\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S20 6	76	S108 not S204	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S20 7	176	unsharp adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02

## EAST Search History

S20 8	148	image\$1 same (compress near dynamic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S20 9	425	Laplacian adj pyramid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:02
S21 0	1	("6700995").PN.	USPAT; USOCR	OR	OFF	2006/10/10 11:02
S21 1	0	(unsharp with differential with converted).clm.	USPAT	OR	OFF	2006/10/10 11:09
S21 2	35	(unsharp with (subtract or differential or difference)).clm.	USPAT	OR	OFF	2006/10/10 11:59